E-Center: collaborative platform for the Wide Area network users

E-Center

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https://ecenter.fnal.gov

E-Center provides diagnostic and social tools for network experts and users across the Department of Energy's data networks.
E-Center is capable of end-to-end visual path tomography with Layer2 and Layer3 network performance metrics.
E-Center is multi-domain Wide Area Network monitoring Data Retrieval Service (**DRS**) with clean and simple REST web interface.
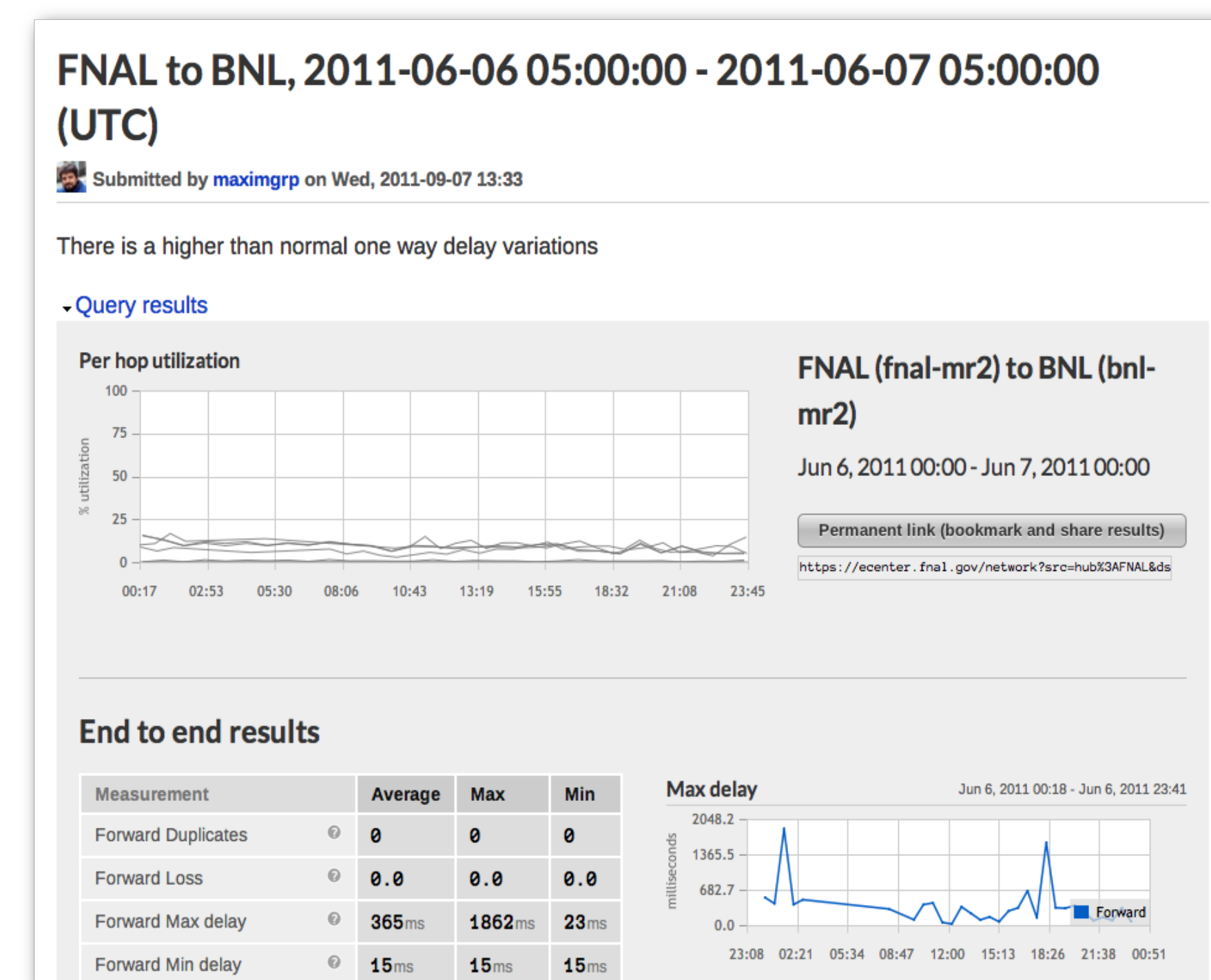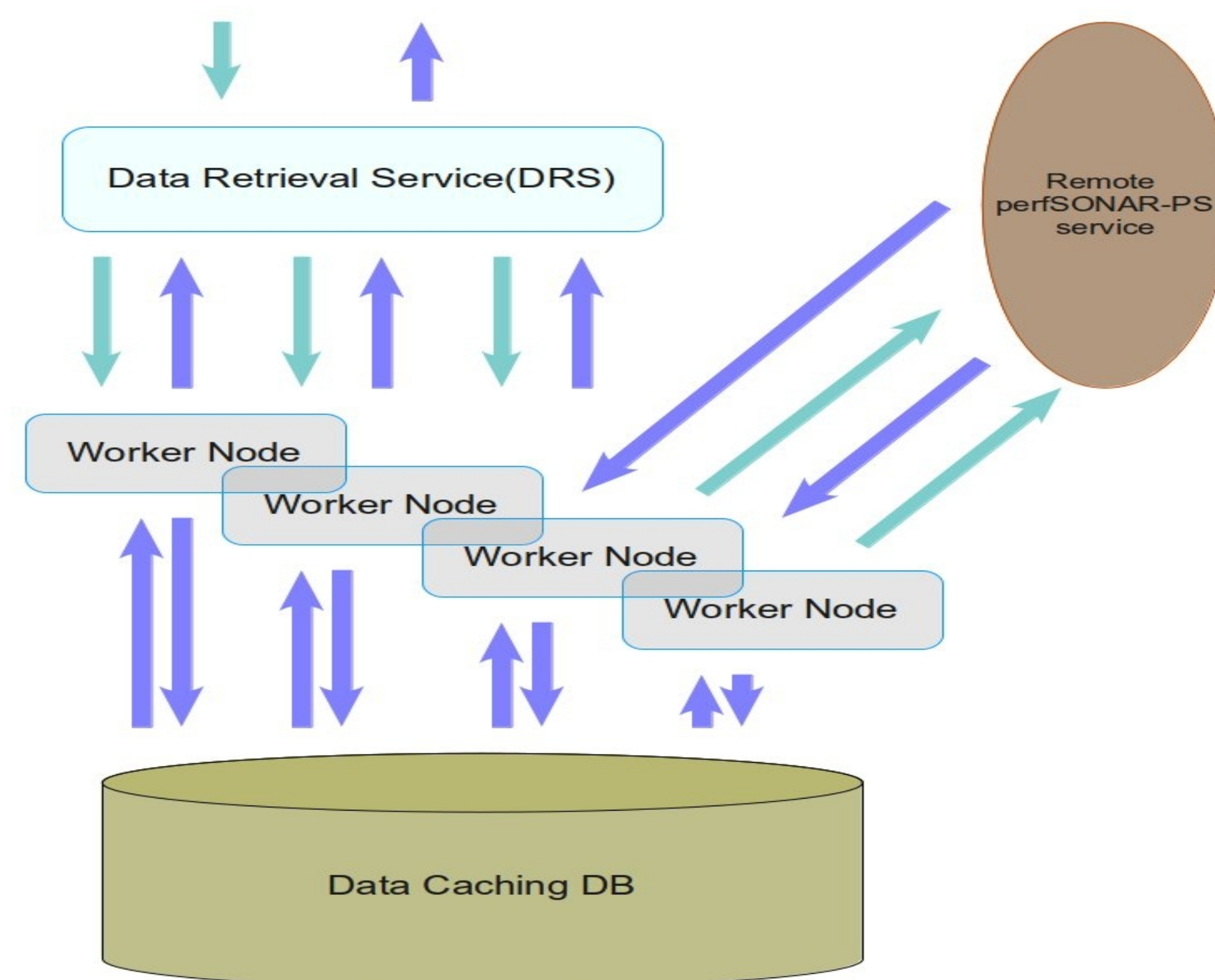**DRS** caches data from +300 perfSONAR-PS Network monitoring services (200 million rows a month).
E-Center is built as web services collection for ubiquitous Network Monitoring and Anomalous Events Detection.
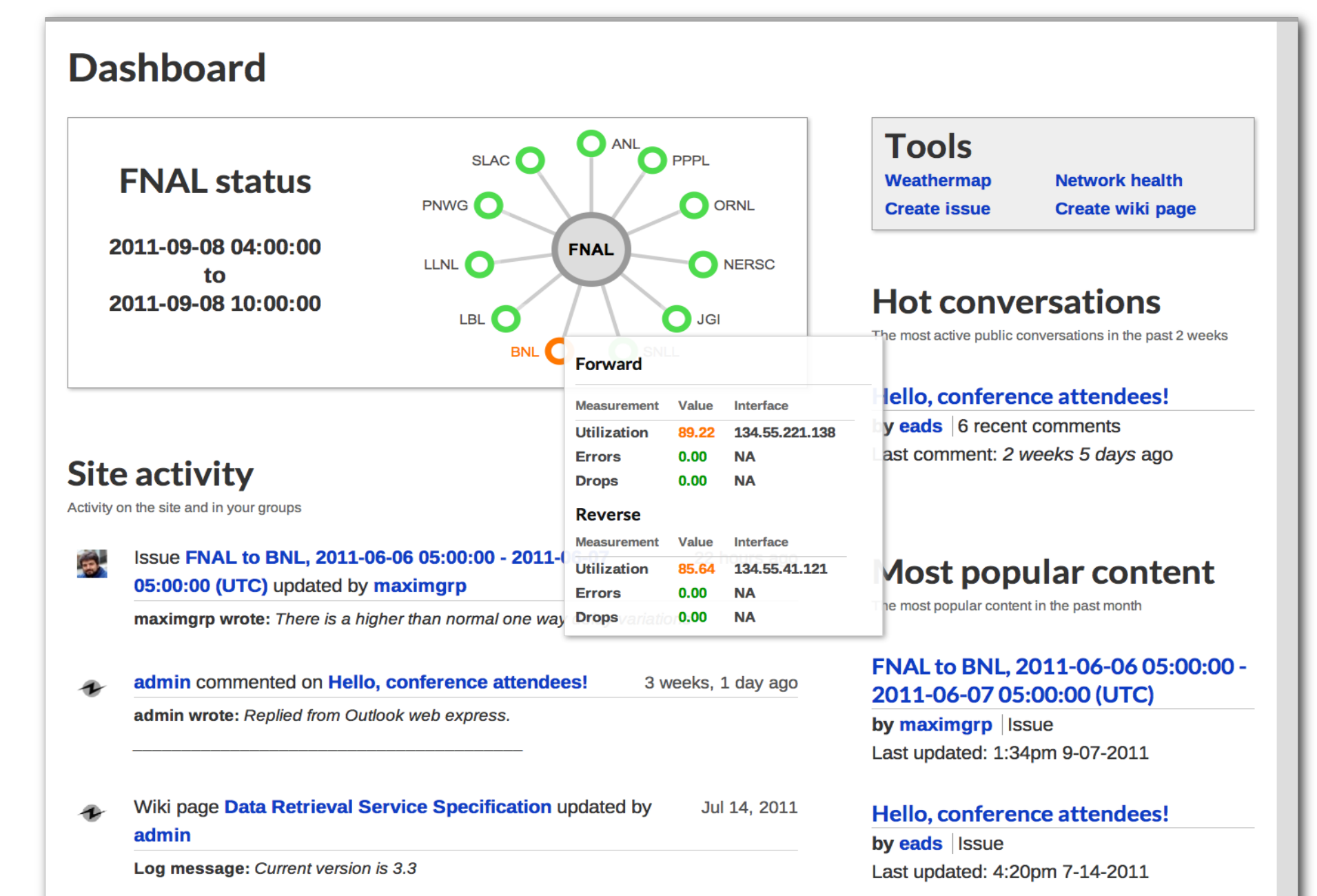**E-Center** is place for network users and groups to discuss network problems using the issue tracker and to share ideas and experience in the knowledge base.
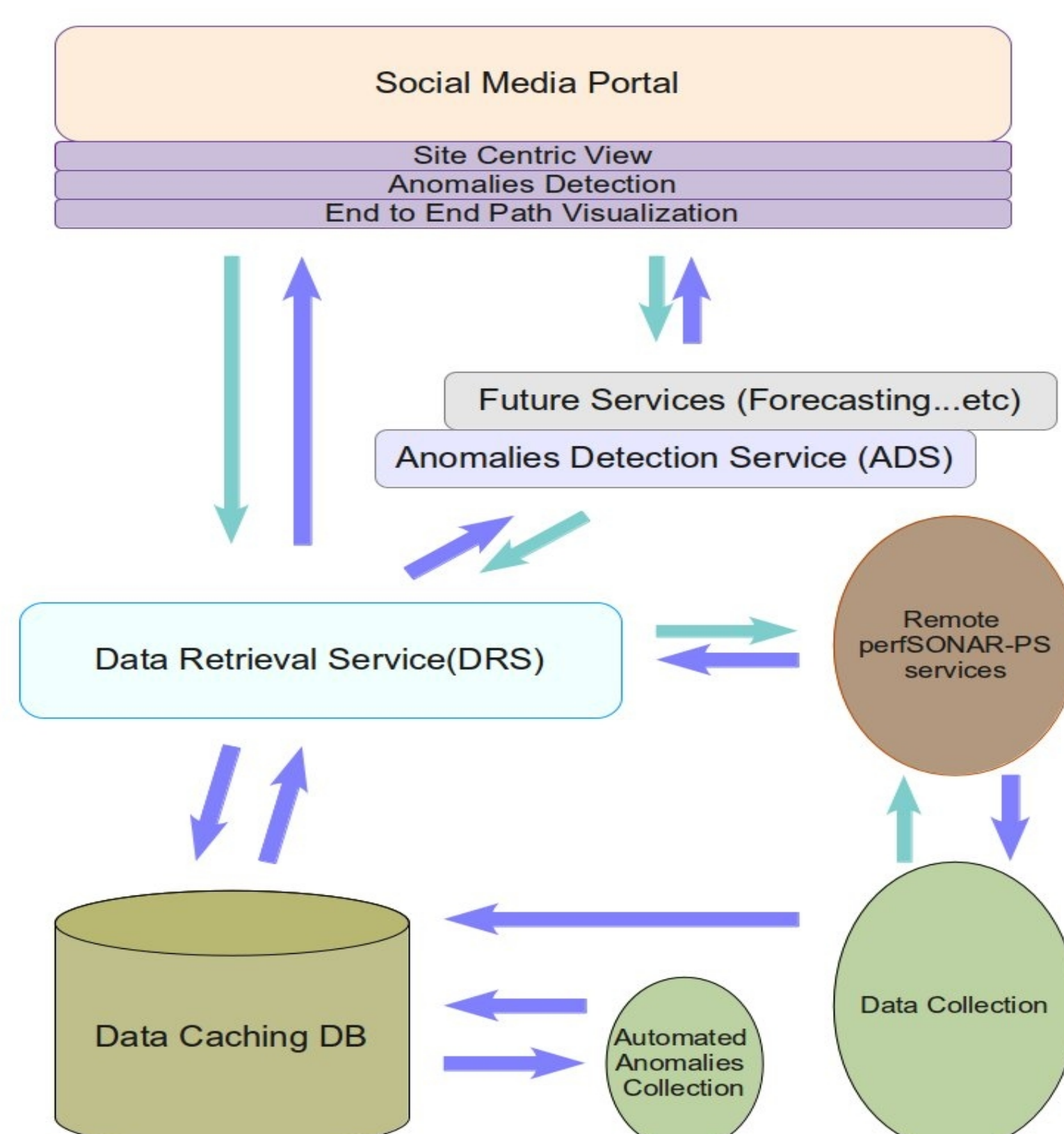**E-Center** provides support for federated Single Sign On, Public and Private Projects.
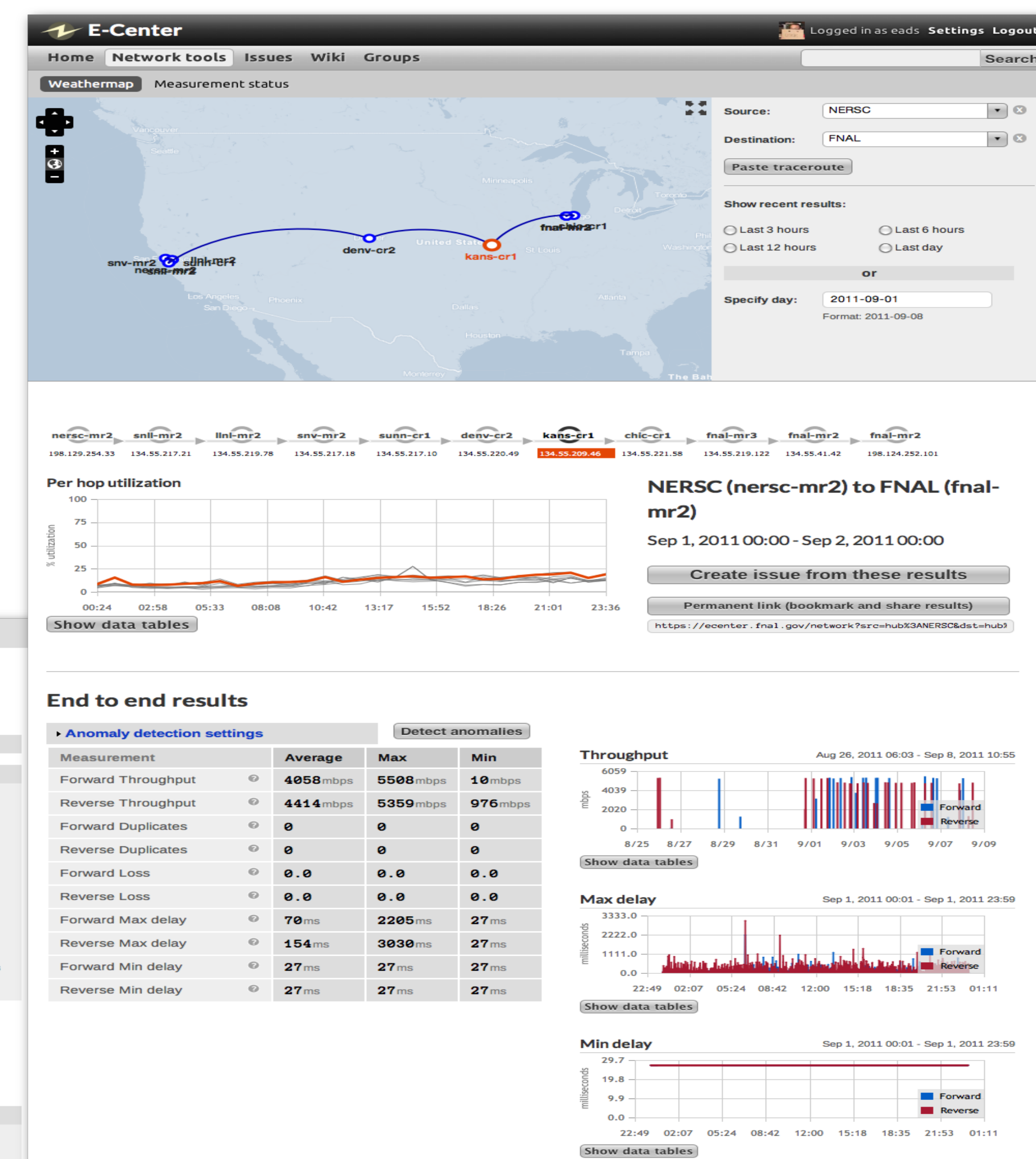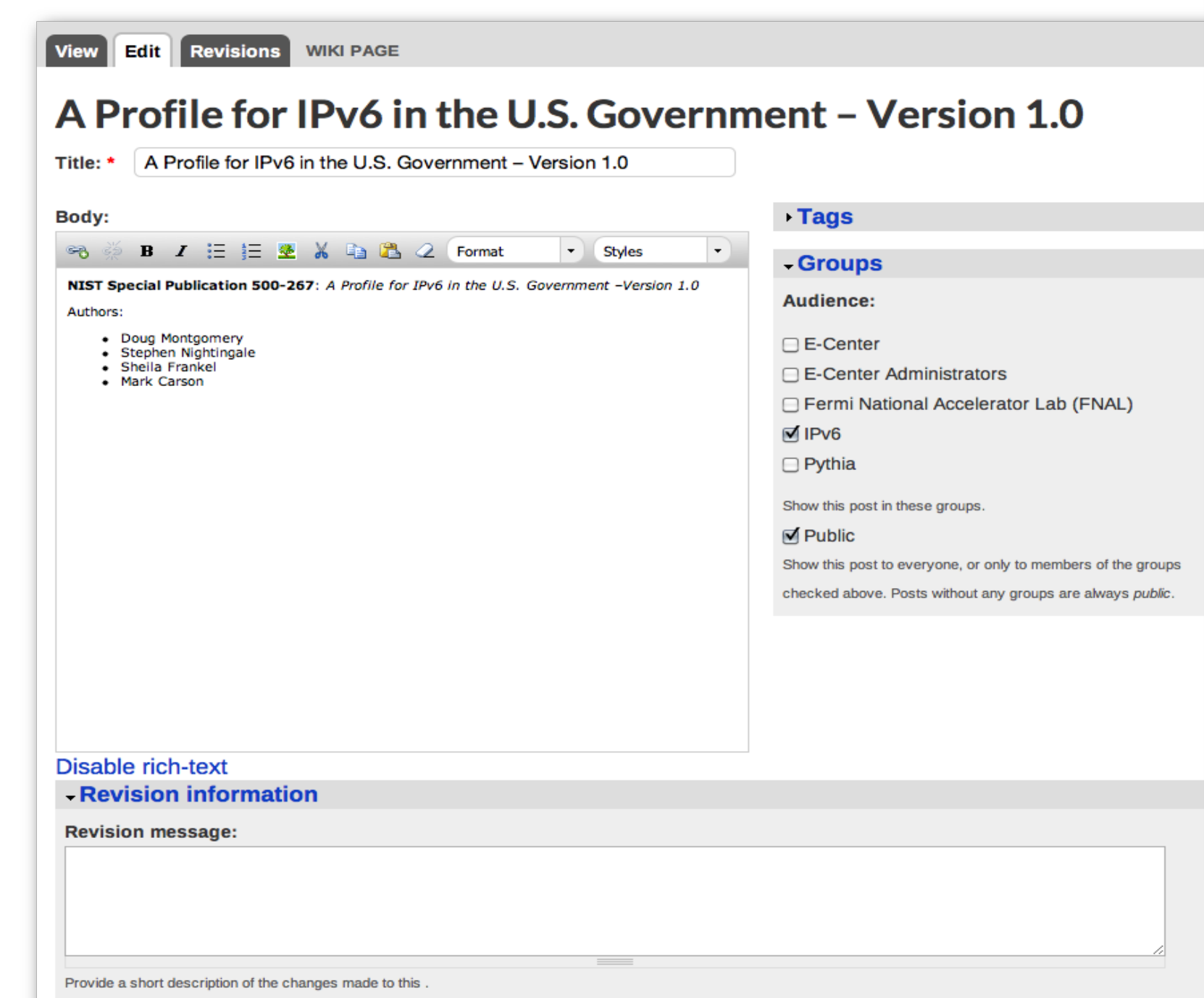
Architectural Overview

Multi-domain Data Retrieval Service

Network performance weather map

Share and discuss new ideas, projects

Service status and data availability